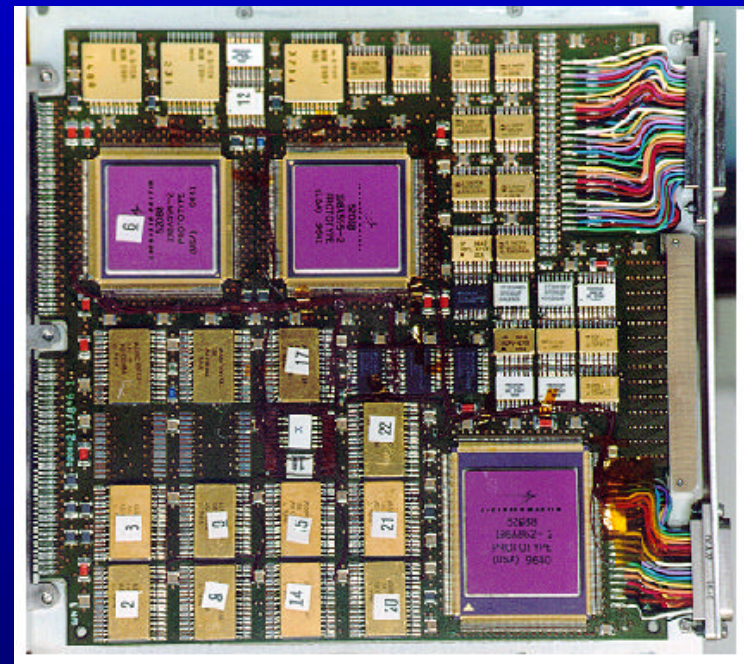




National Aeronautics and Space Administration  
Goddard Space Flight Center

# RAD-6000 FLIGHT PROCESSOR BOARD

- Description
  - A Radiation-Hardened Space Qualified Flight Processor Board with an industry standard PCI bus interface
- Objectives/Benefits
  - Processing Power
    - 35 Mips @ 33MHz Drystone
  - Compatibility with PowerPC™
    - Software development begins immediately on the PowerPC™ 603
  - Software Development
    - Windriver VxWorks Operating System
    - Greenhills MULTI Source Level Debugger & C++ Compiler
  - Low Power Mode
    - Processor clock scalable from 2.5 Mhz to 20 Mhz
  - PCI Bus Interface(Revision 2.0 Compliant)
    - COTS Development Tools(Bus Analyzers/Exercisers; Personal computers)



*RAD-6000 FLIGHT PROCESSOR BOARD*

Goddard Space Flight Center (SMEX Project), Lockheed Martin, and Airforce co-funded  
Available from Lockheed Martin commercially as catalog item in 2nd quarter 98